

ENROLLED ORDINANCE 159-57

MODIFY CAPITAL PROJECT 200415,
HUMAN SERVICES BUILDING AIR HANDLING UNIT REPLACEMENT

WHEREAS the adopted 2004-09 Capital Plan contained Project 200415, HHS Building, Replace air handling units (AHU), and

WHEREAS this project called for the replacement of 6 air handling units and the re-engineering of the other existing air handling units, and

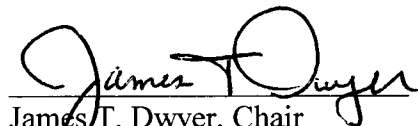
WHEREAS an analysis has been conducted to look at the air handling systems in the building and the resulting conclusion is that replacing all six units will be neither cost-effective or meet code requirements.

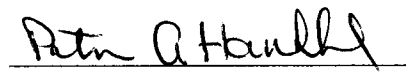
THE COUNTY BOARD OF SUPERVISORS OF THE COUNTY OF WAUKESHA DOES ORDAIN that Capital Project 200415, Human Services Bldg. AHU Replacement, (project request form on file with the County Clerk), is modified to reduce the number of air handling units to be replaced from six (6) to three (3).

BE IT FURTHER ORDAINED that the balance of project funds remaining after replacement of the three air handling units be utilized to modify or retrofit existing air handling units to meet code requirements and improve occupant comfort for the expected 10 year life remaining in the building.


MODIFY CAPITAL PROJECT 200415

Presented by:
Executive Committee

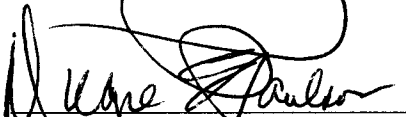

James T. Dwyer, Chair

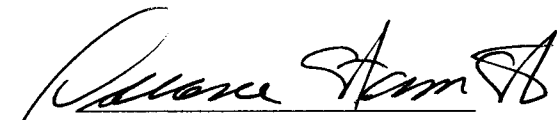

Patricia A. Haukohl


Walter L. Kolb

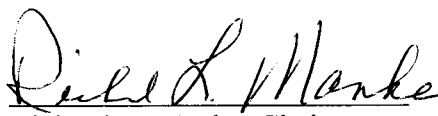

Richard L. Manke


William A. Mitchell

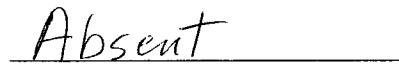

Duane E. Paulson

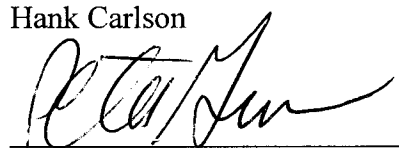

Duane Stamsta

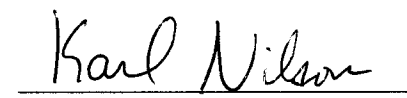
Approved by:
Public Works Committee

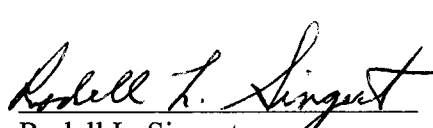

Richard L. Manke, Chair

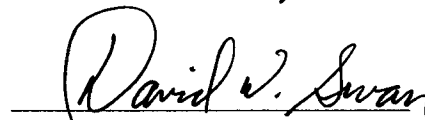

James R. Behrend


Absent
Hank Carlson


Peter Gundrum


Karl Nilson


Rodell L. Singert

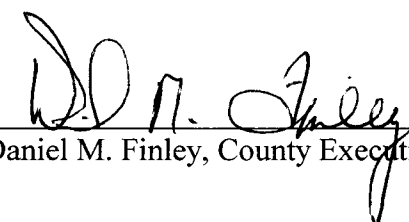

David W. Swan

The foregoing legislation adopted by the County Board of Supervisors of Waukesha County, Wisconsin, was presented to the County Executive on:

Date: 10-29-04, 
Kathy Nickolaus, County Clerk

The foregoing legislation adopted by the County Board of Supervisors of Waukesha County, Wisconsin, is hereby:

Approved: ✓
Vetoed: _____

Date: 11-1-04, 
Daniel M. Finley, County Executive

Project #	200415	Project Title:	Human Services Bldg. AHU Replacement
Department:	DPW – Building Ops.	Sponsor:	Mark P. Keckeisen
Phase:	Design and Construction	Manager:	Richard A. Bolte, Dir.
Budget Action:	New	Date:	10/11/04 1:09 PM

CAPITAL BUDGET SUMMARY			
Year	2004	Total	
Project Phase	Design & Construction	Project	
Expenditure Budget	\$219,000		\$219,000
Revenue Budget	\$0		\$0
Net County Cost	\$219,000		\$219,000
COST DOCUMENTATION		REVENUE	
Architect	\$35,000		
Construction	\$168,000		
Contingency	\$16,000		
Total Project Cost	\$219,000	Total Revenue	\$0
EXPENDITURE BUDGET	\$219,000	REVENUE BUDGET	\$0

Project Scope & Description

The scope of the project is the design/engineering and replacement of three rather than six Air Handling Units at this time. In 2005, an evaluation of the existing HVAC system will identify areas where the system does not meet minimum code requirements and design a solution that provides the most cost effective five-year life cycle cost. The building upgrade completed in 1996 was expected to extend the building life 10 to 15 years and the HVAC is the first major system in which this analysis is required.

Location

Waukesha County Human Services Center
500 Riverview Avenue
Waukesha, WI 53188

Analysis of Need

The 3 Air Handling Units to be replaced are 25 plus years of age and past their useful life expectancy. The replacement of these units is in keeping with the long range planning of the Human Services Center (H.V.A.C.) up grades. There are a total of 34 units that serve the Human Service Center. Since 2000 5 units have been replaced. The units that we are requesting to replace have been identified in an analysis/survey conducted by the Facilities Management Staff noting the units age, condition, and operational efficiency. The units requested for replacement are not reliable from the standpoint of needed maintenance/repairs and energy consumption. The units for replacement at present don't meet the Wisconsin Enrolled Commercial Building Code in relation to the units operation and more importantly the stringent indoor air quality standards that are required. The replacement of these outdated units is important to the health, safety, and productivity of the staff that are served by them in the office environment.

Alternatives

Continue to use the existing (H.V.A.C.) Equipment Air Handling Units and disregard these needs and operate in an ever-increasing inefficient manner.

Ongoing Operating Costs

A decision not to implement the Capital Plan will cost Waukesha County ongoing high maintenance and energy costs. Implementation of the plan will drive annual operational costs of maintenance and energy consumption down with a projected equipment pay back of 5 to 7 years.

Previous Action

The replacement of the (H.V.A.C.) Air Handling Units has been in progress in the Building Operations Division 5 Year Building Improvement Plan since 2000, demonstrating the long-range plans of the department to upgrade the infrastructure of the Human Services Center. The installation of the Energy Management System in 2003 will allow efficient control of energy usage at the unit. Proposed as new project in 2004-2008 plan.

WAUKESHA COUNTY BOARD OF SUPERVISORS

V

DATE-10/26/04

(ORD) NUMBER-1590064

1 K. HERRO.....AYE
 3 D. STAMSTA.....AYE
 5 J. MARCHESE.....AYE
 7 J. JESKEWITZ.....AYE
 9 P. CHAUKOHL.....AYE
 11 K. HARENDA.....AYE
 13 J. MORRIS.....AYE
 15 D. SWAN.....AYE
 17 J. BEHREND.....AYE
 19 W. MITCHELL.....AYE
 21 W. KOLB.....AYE
 23 J. TORTOMASI.....AYE
 25 K. CUMMINGS.....AYE
 27 D. PAULSON.....AYE
 29 T. BULLERMANN.....
 31 V. STROUD.....AYE
 33 D. PAVELKO.....AYE
 35 C. SEITZ.....AYE

2 R. THELEN.....AYE
 4 H. CARLSON.....AYE
 6 D. BROESCH.....AYE
 8 J. DWYER.....AYE
 10 S. WOLFE.....AYE
 12 J. GRIFFIN.....AYS
 14 A. KALLIN.....AYE
 16 R. MANKE.....AYE
 18 B. MORRIS.....AYE
 20 M. KIPP.....
 22 G. BRUCE.....AYE
 24 B. KRAMER.....AYE
 26 S. KLEIN.....AYE
 28 P. JASKE.....AYE
 30 K. NILSON.....
 32 P. GUNDRUM.....
 34 R. SINGERST.....AYE

TOTAL AYES-31

TOTAL NAYS-00

CARRIED_____

DEFEATED_____

UNANIMOUS X

TOTAL VOTES-31